

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/533,701
Source: PCT
Date Processed by STIC: 03/02/2006

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/02/2006

PATENT APPLICATION: US/10/533,701

TIME: 10:43:00

Input Set : A:\GC788-US.ST25.txt

Output Set: N:\CRF4\03022006\J533701.raw

3 <110> APPLICANT: Janssen, Giselle
 4 Murray, Christopher J.
 5 Winetzky, Deborah
 7 <120> TITLE OF INVENTION: Skin or Hair Binding Peptides
 9 <130> FILE REFERENCE: GC788-US
 11 <140> CURRENT APPLICATION NUMBER: US 10/533,701
 C--> 12 <141> **CURRENT FILING DATE: 2005-05-03**
 14 <150> PRIOR APPLICATION NUMBER: PCT/US03/36234
 15 <151> PRIOR FILING DATE: 2003-11-12
 17 <150> PRIOR APPLICATION NUMBER: US 60/429,051
 18 <151> PRIOR FILING DATE: 2002-11-25
 20 <160> NUMBER OF SEQ ID NOS: 111
 22 <170> SOFTWARE: PatentIn version 3.2
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 12
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: synthetic skin binding peptide
 32 <400> SEQUENCE: 1
 33 Lys Gln Ala Thr Phe Pro Pro Asn Pro Thr Ala Tyr
 34 1 5 10
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 7
 38 <212> TYPE: PRT
 39 <213> ORGANISM: Artificial Sequence
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: synthetic skin binding peptide
 44 <400> SEQUENCE: 2
 45 Gln Ala Thr Phe Met Tyr Asn
 46 1 5
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 12
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Artificial Sequence
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: synthetic skin binding peptide
 56 <400> SEQUENCE: 3
 57 His Gly His Met Val Ser Thr Ser Gln Leu Ser Ile
 58 1 5 10
 60 <210> SEQ ID NO: 4
 61 <211> LENGTH: 11
 62 <212> TYPE: PRT

Cp9-6)

RAW SEQUENCE LISTING

DATE: 03/02/2006

PATENT APPLICATION: US/10/533,701

TIME: 10:43:00

Input Set : A:\GC788-US.ST25.txt

Output Set: N:\CRF4\03022006\J533701.raw

65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: synthetic skin binding peptide
70 <400> SEQUENCE: 4
71 Val Leu Thr Ser Gln Leu Pro Asn His Ser Met
72 1 5 10
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 7
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: synthetic skin binding peptide
82 <400> SEQUENCE: 5
83 Leu Ser Pro Ser Arg Met Lys
84 1 5
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 7
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: synthetic skin binding peptide
94 <400> SEQUENCE: 6
95 Leu Pro Ile Pro Arg Met Lys
96 1 5
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 7
100 <212> TYPE: PRT
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: synthetic skin binding peptide
106 <400> SEQUENCE: 7
107 His Ser Thr Ala Tyr Leu Thr
108 1 5
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 7
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: synthetic skin binding peptide
118 <400> SEQUENCE: 8
119 His Gln Arg Pro Tyr Leu Thr
120 1 5
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 12
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: synthetic skin binding peptide
130 <400> SEQUENCE: 9

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/533,701

DATE: 03/02/2006

TIME: 10:43:00

Input Set : A:\GC788-US.ST25.txt

Output Set: N:\CRF4\03022006\J533701.raw

```

131 Ala Pro Gln Gln Arg Pro Met Lys Thr Phe Asn Thr
132 1          5          10
134 <210> SEQ ID NO: 10
135 <211> LENGTH: 12
136 <212> TYPE: PRT
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: synthetic skin binding peptide
142 <400> SEQUENCE: 10
143 Ala Pro Gln Gln Arg Pro Met Lys Thr Val Gln Tyr
144 1          5          10
146 <210> SEQ ID NO: 11
147 <211> LENGTH: 7
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: synthetic skin binding peptide
154 <400> SEQUENCE: 11
155 Pro Pro Trp Leu Asp Leu Leu
156 1          5
158 <210> SEQ ID NO: 12
159 <211> LENGTH: 7
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: synthetic skin binding peptide
166 <400> SEQUENCE: 12
167 Pro Pro Trp Thr Phe Pro Leu
168 1          5
170 <210> SEQ ID NO: 13
171 <211> LENGTH: 7
172 <212> TYPE: PRT
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: synthetic skin binding peptide
178 <400> SEQUENCE: 13
179 Ser Val Thr His Leu Thr Ser
180 1          5
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 7
184 <212> TYPE: PRT
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: synthetic skin binding peptide
190 <400> SEQUENCE: 14
191 Val Ile Thr Arg Leu Thr Ser
192 1          5
194 <210> SEQ ID NO: 15
195 <211> LENGTH: 7

```

RAW SEQUENCE LISTING

DATE: 03/02/2006

PATENT APPLICATION: US/10/533,701

TIME: 10:43:00

Input Set : A:\GC788-US.ST25.txt

Output Set: N:\CRF4\03022006\J533701.raw

```

196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: synthetic skin binding peptide
202 <400> SEQUENCE: 15
203 Phe Pro Pro Leu Leu Arg Leu
204 1 5
206 <210> SEQ ID NO: 16
207 <211> LENGTH: 12
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: synthetic skin binding peptide
214 <400> SEQUENCE: 16
215 Asp Leu Lys Pro Pro Leu Leu Ala Leu Ser Lys Val
216 1 5 10
218 <210> SEQ ID NO: 17
219 <211> LENGTH: 12
220 <212> TYPE: PRT
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: synthetic skin binding peptide
226 <400> SEQUENCE: 17
227 Ser His Pro Ser Gly Ala Leu Gln Glu Gly Thr Phe
228 1 5 10
230 <210> SEQ ID NO: 18
231 <211> LENGTH: 12
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: synthetic skin binding peptide
238 <400> SEQUENCE: 18
239 Phe Pro Leu Thr Ser Lys Pro Ser Gly Ala Cys Thr
240 1 5 10
242 <210> SEQ ID NO: 19
243 <211> LENGTH: 12
244 <212> TYPE: PRT
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: synthetic skin binding peptide
250 <400> SEQUENCE: 19
251 Asp Leu Lys Pro Pro Leu Leu Ala Leu Ser Lys Val
252 1 5 10
254 <210> SEQ ID NO: 20
255 <211> LENGTH: 7
256 <212> TYPE: PRT
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: synthetic skin binding peptide

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/533,701

DATE: 03/02/2006

TIME: 10:43:00

Input Set : A:\GC788-US.ST25.txt

Output Set: N:\CRF4\03022006\J533701.raw

```

262 <400> SEQUENCE: 20
263 Pro Leu Leu Ala Leu His Ser
264 1 5
266 <210> SEQ ID NO: 21
267 <211> LENGTH: 7
268 <212> TYPE: PRT
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: synthetic skin binding peptide
274 <400> SEQUENCE: 21
275 Tyr Pro Ile Ser Thr Gln Ile
276 1 5
278 <210> SEQ ID NO: 22
279 <211> LENGTH: 12
280 <212> TYPE: PRT
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: synthetic skin binding peptide
286 <400> SEQUENCE: 22
287 Tyr Ala Lys Gln His Tyr Pro Ile Ser Thr Phe Lys
288 1 5 10
290 <210> SEQ ID NO: 23
291 <211> LENGTH: 7
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: synthetic skin binding peptide
298 <400> SEQUENCE: 23
299 His Ser Thr Ala Tyr Leu Thr
300 1 5
302 <210> SEQ ID NO: 24
303 <211> LENGTH: 12
304 <212> TYPE: PRT
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: synthetic skin binding peptide
310 <400> SEQUENCE: 24
311 Ser Thr Ala Tyr Leu Val Ala Met Ser Ala Ala Pro
312 1 5 10
314 <210> SEQ ID NO: 25
315 <211> LENGTH: 12
316 <212> TYPE: PRT
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: synthetic skin binding cluster sequence
322 <220> FEATURE:
323 <221> NAME/KEY: VARIANT
324 <222> LOCATION: (8)..(8)
325 <223> OTHER INFORMATION: Xaa can be any L-amino acid

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/533,701

DATE: 03/02/2006
TIME: 10:43:01

Input Set : A:\GC788-US.ST25.txt
Output Set: N:\CRF4\03022006\J533701.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:25; Xaa Pos. 8,10,11,12
Seq#:26; Xaa Pos. 4,5,6
Seq#:27; Xaa Pos. 1,2,4
Seq#:28; Xaa Pos. 1,6
Seq#:29; Xaa Pos. 2,7
Seq#:30; Xaa Pos. 1,6,7,9,10,11,12
Seq#:31; Xaa Pos. 2,7,8,9,10,11,12
Seq#:32; Xaa Pos. 2,3,4
Seq#:33; Xaa Pos. 2,3,4
Seq#:53; Xaa Pos. 2
Seq#:54; Xaa Pos. 2
Seq#:57; Xaa Pos. 4,5,7
Seq#:58; Xaa Pos. 2,3,4
Seq#:59; Xaa Pos. 2
Seq#:60; Xaa Pos. 2,4
Seq#:61; Xaa Pos. 5,6
Seq#:62; Xaa Pos. 1,3

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/533,701

DATE: 03/02/2006

TIME: 10:43:01

Input Set : A:\GC788-US.ST25.txt

Output Set : N:\CRF4\03022006\J533701.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0
L:812 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0
L:829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0
L:885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0
L:907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0